

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-14 Cancelled

15. (currently amended) A semiconductor processing chamber, comprising:

a top electrode in communication with a power supply; and

a processing chamber defined within a base, a sidewall extending from the base, and a continuous top disposed on the sidewall, the top electrode disposed over and isolated from the processing chamber and the top of the processing chamber being a window allowing energy from the top electrode to pass therethrough, the processing chamber having an outlet enabling removal of fluids within the processing chamber, the processing chamber including,

a substrate support;

an inner surface of the processing chamber defined by the base, the sidewall and the top, the inner surface being coated with a removable silicon containing coating prior to a processing operation; and

an outer surface of the substrate support coated with the removable silicon containing coating, wherein the silicon containing coating is a non-fluorine containing compound including one of bromine and chlorine

~~prevents transfer of metal contaminants from the inner surface of the chamber to a wafer during a processing operation.~~

16. cancelled

17. (previously presented) The semiconductor processing chamber of claim 15, wherein the silicon containing coating has a thickness of between about 50 angstroms (Å) and about 4000Å.

18. cancelled

19. (previously presented) The semiconductor processing chamber of claim 15, wherein the base, and the sidewall are formed from the group consisting of aluminum, ceramic, aluminum coated with ceramic, and aluminum coated with silicon carbide.

20. (previously presented) The semiconductor processing chamber of claim 15, wherein the window is composed of one of sapphire or quartz.

21. (previously presented) The semiconductor processing chamber of claim 15, wherein the substrate support is an electrostatic chuck.

22. (previously presented) The semiconductor processing chamber of claim 1, wherein the substrate support is in communication with a substrate support power supply.

App. No. 10/607,293
Amendment dated March 27, 2006
Reply to Office action of October 26, 2005

Claims 23-25 (cancelled)